

Title (en)

RF ELEMENT DESIGN FOR IMPROVED TUNING RANGE

Title (de)

HF-ELEMENT-DESIGN FÜR VERBESSERTEN ABSTIMMBEREICH

Title (fr)

CONCEPTION D'ÉLÉMENT RF POUR UNE GAMME D'ACCORD AMÉLIORÉE

Publication

EP 4128437 A1 20230208 (EN)

Application

EP 21781253 A 20210402

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Abstract (en)

[origin: US2021313705A1] An antenna and method of using the same are described. In one embodiment, the antenna comprise an array of radio-frequency (RF) radiating antenna elements, wherein each RF radiating antenna element comprises a first conductor stack containing one or more metal layers and having a first set of one or more conductive layers covering a first side of the first conductive stack; a second conductor stack, separated from the first conductor stack, containing one or more conductive layers and having a second set of one or more conductive layers covering a second side of the second conductive stack; and liquid crystal (LC) between the first and second sides of the first and second conductor stacks, respectively.

IPC 8 full level

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